PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty) (PCT Article 36 and Rule 70)

	Г					
Applicant's or agent's file reference PA-04056/PCT	FOR FURTHER ACT	TION	See Form PCT/IPEA/416	ı		
International application No. PCT/JP2004/018423	International filing date (date) 3.12.		Priority date (day/month 05.12.	-		
International Patent Classification (IPC) o Int.Cl. B60H1/00 (2006.01), F			2006.01)			
Applicant SHOWA DENKO K.K.						
 This report is the international p Authority under Article 35 and tra This REPORT consists of a total of This report is also accompanied b a. a total of 	of 3 sheets, in	according to Article according this cover s	36.	ninary Examining		
sheets of the des and/or sheets con Administrative I sheets which supposed the disclusion Supplemental Both a total of (indicate type a containing a sequence list	cription, claims and/or dr ntaining rectifications aut nstructions). persede earlier sheets, but osure in the international ox. and number of electronic of sting and/or tables related	horized by this Authority application as filed, carrier(s)) thereto, in electronic	een amended and are the bority (see Rule 70.16 and Strong considers contain an ameas indicated in item 4 of Form only, as indicated in	Section 607 of the endment that goes Box No. I and the		
Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions). 4. This report contains indications relating to the following items:						
Box No. I Basis of the						
Box No. II Priority	Priority					
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
Box No. IV Lack of unity of invention						
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
Box No. VI Certain doc	uments cited					
Box No. VII Certain defe	Certain defects in the international application					
Box No. VIII Certain obse	ervations on the internation	onal application				
	I	Data of a manifetica	-C41-1			
Date of submission of the demand		Date of completion of this report				
03.10.2005)		01.05.2006			
Name and mailing address of the IPEA/JP		Authorized officer		3M 9259		
Japan Patent Offic	æ	Hidefumi SH	OUJI	•		
3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan		Telephone No. +81-3-3581-1101 Ext. 3377				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/JP2004/018423

Box No.	Basis of the report		
1. Wi	th regard to the language , this report is based of the international application in the language in a translation of the international applications translation furnished for the purposes of: international search (Rules 12.3(a) and publication of the international application international preliminary examination (n which it was filed tion into 23.1(b)) tion (Rule 12.4(a))	, which is the language of a
furi	h regard to the elements of the international mished to the receiving Office in response to an il are not annexed to this report):	• • • • • • • • • • • • • • • • • • • •	•
2	the international application as originally fi	lled/furnished	
	the description:		
*****	pages		as originally filed/furnished
	pages*	received by this Authority on received by this Authority on	
	the claims: Nos. Nos.*	os omanded (together	as originally filed/furnished with any statement) under Article 19
	Nos.* Nos.*		
	the drawings: ets/figs		as originally filed/furnished
	ets/figs *		
shee	ets/figs *	received by this Authority on	
	a sequence listing and/or any related table(s	s) - see Supplemental Box Relating to S	Sequence Listing.
3.	The amendments have resulted in the cancer	ellation of:	
	the description, pages		
	the claims, Nos.		
	the drawings , sheets/figs		
	the sequence listing (specify):		
	any table(s) related to sequence listing	ng (specify):	
4.	This report has been established as if (some made, since they have been considered to (Rule 70.2(c)).		•
	the description, pages		
	the claims, Nos.		
	the drawings, sheets/figs		
	the sequence listing (specify):		
	any table(s) related to sequence listing	ng (specify):	
* If iten	n 4 applies, some or all of those sheets may be i	marked "superseded."	

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/JP2004/018423

JP8-276716 A (SANDEN Corporation) 1996.10.22 (FAMILY:NONE) subject matters of claim 1-23 are neither disclosed in any of the	Inventive step (IS) $\begin{array}{c cccc} & & & & & & & & & & & & & & & & & $	Statement			
Industrial applicability (IA) $\begin{array}{c} \text{Claims} \\ \text{Claims} \\ \text{Claims} \end{array} \begin{array}{c} 1-23 \\ \text{NO} \end{array}$ YES NO Citations and explanations (Rule 70.7) $\text{JP8-276716 A (SANDEN Corporation) 1996.10.22 (FAMILY: NONE)} \\ Parameters of claim 1-23 are neither disclosed in any of the subject matters of claim 1-23 are neither disclosed in any of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of the subject matter of claim 1-23 are neither disclosed in any of the subject matter of the subjec$	Industrial applicability (IA) Claims $1-23$ YES Claims NO Citations and explanations (Rule 70.7) 1 JP8-276716 A (SANDEN Corporation) 1996.10.22 (FAMILY:NONE) The subject matters of claim 1-23 are neither disclosed in any of the subject matters.	Novelty (N)			
Industrial applicability (IA) Claims $1-23$ YES NO Claims $1-23$ Are neither disclosed in any of the subject matters of claim $1-23$ are neither disclosed in any of the	Industrial applicability (IA) Claims $1-23$ YES Claims $1-23$ YES NO Citations and explanations (Rule 70.7) 1 JP8-276716 A (SANDEN Corporation) 1996.10.22 (FAMILY: NONE) The subject matters of claim 1-23 are neither disclosed in any of the subject matters.	Inventive step (IS)			
JP8-276716 A (SANDEN Corporation) 1996.10.22 (FAMILY:NONE) subject matters of claim 1-23 are neither disclosed in any of the	1 JP8-276716 A (SANDEN Corporation) 1996.10.22 (FAMILY:NONE) ne subject matters of claim 1-23 are neither disclosed in any of th	Industrial applicability (IA)	Claims		YES
		1 JP8-276716 A (SAN	DEN Con	m 1-23 are neither disclosed in an	y of th